

The high temperature transition and enhanced  $T_c$  ( $R=0$ ) in  $\text{Bi}_{1-x}\text{Pb}_x\text{Sr}_2\text{Ca}_1\text{Cu}_2\text{O}_{8+y}$  ... Padam, B Gogia, KB Ravat, SN Ekbote, ... - **Superconductor** ..., 1995 - iopscience.iop.org  
 ... Home Search Collections Journals About **Contact** us My IOPscience ... all the structural, microstructural and compositional studies, it appears that the major **superconducting** bulk consists ... any noticeable amount of intergrowth of the most expected second phase (eg  $\text{Bi-2223}$ ) in the ...  
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**[PDF]** Preparation and characterization of Ag-added  $\text{Bi}_{1-x}\text{Pb}_x\text{Sr}_2\text{Ca}_2\text{Cu}_3\text{O}_{10}$  bulk tubular conductors for cryogen free **superconducting** magnet  
 SN EKBOTE, GK PADAM, M SHARMA, NK ARORA, BS ... - Bull. Mater. Sci, 2001 - ias.ac.in  
 ... a requirement to energies of the cryogen free conventional/HTSC **superconducting** magnets below ... **Superconductivity**;  $\text{Bi-2223}$  tube conductor; spray drying; cold isostatic pressing. ... High temperature **superconductors** (HTS) are expected to be used in many electrical power fields ...  
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Anomalous hysteresis studies in  $\text{Bi-2223/Bi-2212}$  **superconductors** by non-resonant microwave absorption (NRMA) with special reference to energy stabilized ...  
 GK Padam, NK Arora, SN Ekbote - Materials Chemistry and Physics, 2010 - Elsevier  
 ... Anomalous hysteresis studies in  $\text{Bi-2223/Bi-2212}$  **superconductors** by non-resonant ... GK Padam  
 Corresponding Author **Contact** Information , a , E-mail The Corresponding Author , NK ... Magnetic hysteresis of granular high temperature **superconducting**  $\text{Bi-2223/Bi-2212}$  pellets ...

Process For The Preparation Of Low **Contact** Resistant **Contact** On A High Transition Temperature **Superconductors**  
 S Ekbote, GK Padam, NK Arora, M Sharma, ... - US Patent App. 10/ ..., 2004 - Google Patents  
 ... can be used to energize **superconducting** magnets and other non-**superconducting** devices requiring ... a low **contact** resistance **contact** on a high transition temperature **superconductor** which comprises making a groove at the end of the **super-conductor**, depositing a ...  
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Preparation and characterization of Ag-added  $\text{Bi}_{1.84}\text{Pb}_{0.4}\text{Sr}_2\text{Ca}_{2.2}\text{Cu}_3\text{O}_{10+x}$  bulk tubular conductors for cryogen free **superconducting** magnet  
 SN Ekbote, GK Padam, M Sharma, NK Arora, ... - Bulletin of Materials ..., 2001 - Springer  
 ... a requirement to energies of the cryogen free conventional/HTSC **superconducting** magnets below ... **Superconductivity**;  $\text{Bi-2223}$  tube conductor; spray drying; cold isostatic pressing. ... High temperature **superconductors** (HTS) are expected to be used in many electrical power fields ...  
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**[CITATION]** **Superconductors**-Comparative Study of Effect of Initial Sintering in Rod/Tube Shape  $J_c$  and Fracture Strength of  $\text{Bi-2223}$ : 10 wt% Ag Bulk Rod ...  
 GK Padam, SN Ekbote, NK ... - Japanese ..., 2005 - Tokyo, Japan: Publication Board, ...

PROCESS FOR JOINING OXIDE **SUPERCONDUCTING** TUBES WITH A **SUPERCONDUCTIVE** JOINT  
 SN Ekbote, GK Padam, NK Arora, M ... - US Patent App. 12/ ..., 2007 - Google Patents  
 ... more but is also essential to have a long conductor with stable **superconductivity** along its ... each other (end-to-end) in order to form a joined **superconductor** of sufficient ... essential that these joints between such **superconductors** must have the same **superconducting** properties, as ...  
[All 3 versions](#)

The preparation of an enhanced- $T_c$  **superconducting**  $\text{Ti}_2\text{Ba}_2\text{CuO}_x$  phase by using low Ti concentrations  
 ... Saini, CP Sharma, SN Ekbote, DK Suri, P ... - Journal of Physics: ..., 1990 - iopscience.iop.org  
 ... et al [8,9] have reported that the 1323 composition gives **2223** as the predominant

**superconducting** phase. ... are evident, one at =77 K and the other at = 95 K. The **superconductivity** is destroyed ... Sintering for shorter durations does not result in the formation of a **superconductor**. ...

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#### [CITATION] Process for the preparation of oxide **superconducting** rods

... Padam, R Sethi, M Sharma, SN **Ekbote** - US Patent App. 12/ ..., 2008 - Google Patents

#### Comparative Study of Effect of Initial Sintering in Rod/Tube Shape on Jc and Fracture Strength Bi-2223: 10 wt% Ag Bulk Rod Conductors

GK Padam, SN **Ekbote**, NK Arora, M Sharma, ... - Japanese Journal of ..., 2005 - jlap.ipap.jp

... The **contact** resistance (Rc) at 77K of the RSR samples varied from one end to the other ... characteristics of RSR (—) and TSR (—) samples; showing higher Tc and sharper

**superconducting** transition in ... 4) Y. Yamada: in Bismuth-based High Temperature **Superconductors**, ...

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#### Process for the preparation of high temperature **superconducting** bulk current leads with improved properties and **superconducting** bulk current leads made thereby

SN **Ekbote**, GK Padam, NK Arora, M ... - US Patent App. 11/ ..., 2006 - Google Patents

... the non obvious inventive steps of: [0077] 1. modification of the **superconducting** material with ...

this figure, reference numeral 1 designates a (Bi, Pb)2Sr2Ca2Cu3O10+x **superconductor**; and

numeral ... All the four terminals (2) made on the **super-conductor** portion (1) were of silver ...

[All 3 versions](#)

#### Lead-doped electron-beam-deposited Bi---Sr---Ca---Cu---O **superconducting** thin films

... Saini, C Kant, CP Sharma, SN **Ekbote**, P Asthana, KC ... - Thin solid films, 1991 - Elsevier

... For many important applications' as well as fundamental studies, it is essential to prepare

**superconductors** with a ... Pb-DOPED Bi-Sr-Ca-Cu-O **SUPERCONDUCTING THIN FILMS** 239 Fig. ...

of the electron-beam-deposited films help to explain the observed **superconductivity** at high ...

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#### Preparation and characterization of Ag-added Bi (1.84) Pb (0.4) Sr 2Ca (2.2) Cu 3O (10+ bulk tube conductors for cryogen free **superconducting** magnet

SNEGKPM SHARMA - Bulletin of Materials Science, 2001 - 万方数据资源系统





... thereby influencing on the critical current (I<sub>c</sub>), it also reduces the **contact** resistance to ... in general a requirement to energies of the cryogen free conventional/HTSC **superconducting** magnets

below ... 年, 卷(期): 2001V.24, no.6, 2001(“) 分类号: 关键词: **superconductivity** Bi-2223 ...

#### Non-resonant microwave absorption studies in Bi1. 6Pb0. 4Sr2Ca2Cu3O10+ x

GK Padam, SN **Ekbote**, MR Tripathy, GP ... - ... C: **Superconductivity**, 1999 - Elsevier

... Physica C: **Superconductivity** Volume 315, Issues 1-2, 1 April 1999, Pages 45-58. ... 13, 14, 15, 16, 17, 18] including fullerenes [19] but also on conventional **superconductors** of both ... which in turn could provide some vital information about the pairing in the **superconducting** state. ...

1. PROCESS FOR THE PREPARATION OF LOW CONTACT RESISTANCE CONTACT ON A HIGH TRANSITION TEMPERATURE SUPERCONDUCTOR  
**EKBOTE, Shrikant / PADAM, Gursharan Kaur / ARORA, Narendra Kumar / SHARMA, Mukul / SETHI, Ramesh / BANERJEE, Mrinal Kanti (COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH), EUROPEAN PATENT**, Jan 2007  
patno:EP1738437  
...ends of the **perforated silver foil** at its end...connected. **Contact** resistance...3)O(10+x) **high temperature superconductor** with 10 wt...ends of the **perforated silver foil** at its end...connected. **Contact** resistance...3)O(10+x) **high temperature superconductor** with 10wt...ends of the **perforated silver foil** at its end...connected. **Contact** resistance...3)O(10+x) **high temperature superconductor** without **silver**...  
Full text available at patent office. For more in-depth searching go to  LexisNexis®  
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**EKBOTE, Shrikant / PADAM, Gursharan, Kaur / ARORA, Narendra, Kumar / SHARMA, Mukul / SETHI, Ramesh / BANERJEE, Mrinal, Kanti (COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH), PATENT COOPERATION TREATY APPLICATION**, Oct 2005  
patno:WO05096440  
...ends of the **perforated silver foil** at its end...connected. **Contact** resistance...Cu3Oo+x **high temperature superconductor** with 10wt...ends of the **perforated silver foil** at its end...connected. **Contact** resistance...Cu3O0+x **high temperature superconductor** without **Silver**...ends of the **perforated silver foil** at its end...connected. **Contact** resistance...Cu3O0+x **high temperature superconductor** without **Silver**...  
Full text available at patent office. For more in-depth searching go to  LexisNexis®  
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3. Process For The Preparation Of Low Contact Resistant Contact On A High Transition Temperature Superconductors  
**Ekbote, Shrikant / Padam, Gursharan Kaur / Arora, Narendra Kumar / Sharma, Mukul / Sethi, Rames / Banerjee, Mrinal Kanti, UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT PUBLICATION**, Dec 2007  
patno:US20070281862  
...ends of the **perforated silver foil** at its end...connected. **Contact** resistance...Cu3O10+x **high temperature superconductor** with 10 wt...ends of the **perforated silver foil** at its end...connected. **Contact** resistance...Cu3O10+x **high temperature superconductor** with 10 wt...ends of the **perforated silver foil** at its end...connected. **Contact** resistance...Cu3O10+x **high temperature superconductor** with 10 wt...  
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4. A PROCESS FOR JOINING OXIDE SUPERCONDUCTING TUBES WITH A SUPERCONDUCTING JOINT  
**EKBOTE, Shrikant, Narayan / PADAM, Gursharan, Kaur / ARORA, Narendra, Kumar / SHARMA, Mukul / SETHI, Ramesh (COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH), PATENT COOPERATION TREATY APPLICATION**, Aug 2008  
patno:WO08093354  
...the oxide **superconductor** material...drying **silver** paint. Brief...2) is a **groove**, numeral (3) is a **silver** layer, numeral...7) is a **perforated silver foil** and numeral...a unitary **superconductor** on the one...measuring the **contact** resistivity...powder of **high temperature superconductor** of (Bi Pb...  
Full text available at patent office. For more in-depth searching go to  LexisNexis®  
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5. EMaCC Annual Technical Report FY1997 [PDF-16MB]  
Dec 2008  
...and process optimization expertise and Solar Turbines, Inc., as the end-user, and Allegheny-Teledyne as the materials (**foil**) producer. Dr. Kassner and the Metal Forming project are supported by OER/BES/DMS. Dr. Maziasz's research is supported...  
[http://www.sc.doe.gov/bes/dms/Publications/EMaCC/EMACC...]  
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6. [University of Rochester Laboratory for Laser Energetics LLE 1999...](#) [PDF-4MB]  
Feb 2001  
...92SF19460, and other agencies. For questions or comments, **contact** Laboratory for Laser Energetics, 250 East River Road, Rochester...studied (pp. 203–208). Preimposed modulations on planar-**foil** targets were used to calibrate the mass equivalence of features...  
[\[http://www.lle.rochester.edu/pub/annual\\_reports/99/AR9...\]](http://www.lle.rochester.edu/pub/annual_reports/99/AR9...)  
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7. [42nd - 2001 Orlando Chair: Art Palmer Local Arrangements: Judith...](#) [PDF-33MB]  
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42nd - 2001 Orlando Chair: Art Palmer Local Arrangements: Judith Sjoberg I joined Peter Wright's laboratory at The Scripps Research Institute as a postdoctoral scientist in 1989, knowing virtually nothing about high-field biological magnetic ...  
[\[http://www.enc-conference.org/files/enc%202001.pdf\]](http://www.enc-conference.org/files/enc%202001.pdf)  
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8. [class029.fm](#) [PDF-845K]  
Feb 2009  
...tool to or from the tool station. 505, **Superconductor** Technology: Apparatus, Mate-  
rial...consisting of two conductors placed either in **contact** with each other or separated by  
an...subclasses 23 through 35 for spiral **groove** wood turning. 144, Woodworking, subclasses...  
[\[http://www.uspto.gov/go/classification/uspc029/defs029...\]](http://www.uspto.gov/go/classification/uspc029/defs029...)  
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Oct 2009  
...tool to or from the tool station. 505, **Superconductor** Technology: Apparatus, Mate-  
rial...consisting of two conductors placed either in **contact** with each other or separated by  
an...subclasses 23 through 35 for spiral **groove** wood turning. 144, Woodworking, subclasses...  
[\[http://www.uspto.gov/web/patents/classification/uspc02...\]](http://www.uspto.gov/web/patents/classification/uspc02...)

## Process For The Preparation Of Low **Contact** Resistant **Contact** On A High Transition Temper **Superconductors**

S Ekbote, GK Padam, NK Arora, M Sharma, ... - US Patent App. 10/ ..., 2004 - Google Patents  
... can be used to energize **superconducting** magnets and other non-**superconducting** devices requiring ... a low **contact** resistance **contact** on a high transition temperature **superconductor** which comprises making a **groove** at the end of the **super- conductor**, depositing a ...

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## PROCESS FOR JOINING OXIDE **SUPERCONDUCTING** TUBES WITH A **SUPERCONDUCTI** JOINT

SN Ekbote, GK Padam, NK Arora, M ... - US Patent App. 12/ ..., 2007 - Google Patents  
... This is a novel method of j oining oxide **superconductor** components because the present ... provides joints between bodies which are hollow and that can account for the **superconductivity**. ... used as a bonding mate- rial showing the presence of desired **superconducting** (Bi, Pb ...

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## The ITER toroidal field model coil project

A Ulbricht, JL Duchateau, WH Fietz, D ... - Fusion Engineering and ..., 2005 - Elsevier  
... A. Ulbricht a , JL Duchateau b , WH Fietz a , Corresponding Author **Contact** Information , E ... Close Support Unit (EFDA/CSU), Garching, in collaboration with the European **superconductor** laboratories and ... achieved with 80 kA the highest current in a large **superconducting** coil [20 ...

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## Compact vacuum insulation

DK Benson, TF Potter - US Patent 5,157,893, 1992 - Google Patents  
... evacuated, enclosed structure, intermediate **foil** radiation shields, and an emissivity-reducing coating of **silver**. ... 16a wherein the spacer bead has just been placed in **contact** with the metal ... tus illustrating a method of automated fabrication of the bead entrapped **perforated** web of ...

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## [PDF] The tightness conditions of UHV all-metal seals subjected to the radiation and inelastic deformation

P Lutkiewicz - 2009 - bc.biblos.pk.edu.pl  
... 2.1.2 Conductance of the Interface **Contact** 25 ... The magnets operate at cryogenic temperature of 1.9 K in order to use the **superconductivity** and produce 8.36 T ... The LHC structure is unique and the **superconducting** magnets are cooled by means of the super-fluid helium (He-II ...

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## Mirror fusion test facility magnet system. Final design report

CD Henning, AJ Hodges, JH VanSant, EN Dalder, RE ... - 1980 - osti.gov  
... ground plane insulation -G-11 filler block -Conductor stabilizer -**Superconductor** core **Perforated** G-11 ... ASSURANCE The various steps in the manufacture of the MFTF **superconductor** were reviewed from ... A **superconducting** solenoiu with a 25-mm by 50-mm access produces a ...

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## [PDF] Controlled Thermonuclear Research Program

FL Ribe - REPRODUCTION, 1974 - library.sciencemadness.org  
... plasmas. := \ Page 4. Engineering support of the CTR program includes of **superconducting** wire, high-current interrupters, . mechanical design development of specialized elec- and fabrication of a 300-kJ storage coil. trical components ...

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## [PDF] Design and Commissioning of a General Purpose Triple GEM

F Haas - 2004 - hamlet.e18.physik.tu-muenchen.de  
... 2.2.1 The **Foils** Design and Production The GEM **foil**, short GEM, is a thin insulating

polymer **foil**, coated on both sides with a very thin metal layer. The whole plane is **perforated** with a large number of circular holes. A standard ...

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### Advances in materials science, Metals and Ceramics Division. Triannual progress report, February May 1980

JJ Truhan, KM Gordon - 1980 - [osti.gov](#)

... material that requires special handling and process design to prevent degradation of its **superconducting** properties. ... For more information, **contact** RM Scanlan ... presents a significant design problem to be addressed and overcome in optimizing **superconductor** operation at 12 ...

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### Continuous feed coater

AT Hunt, W Neilson, M Oljaca, EJ Reardon, ... - US Patent App. 09/ ..., 2001 - [Google Patents](#)

... strings, sheets, wires, tubes, fiber optic cables, strips or tapes (such as **superconducting** tapes); or more ... The side edges of the webs or substrates **contact** each other to form an ... For example, when producing embedded resistors by depositing platinum on copper **foil**, an initial ...

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### Multipurpose neutron-diffraction instrumentations

M Ataji - Nuclear Instruments and Methods, 1965 - [Elsevier](#)

... STEEL CENTERING SCREWS (THREE) In "0" Zr SHAFTS POINT **CONTACT** TI BEARING COLUMN He POLISHED Al X<sub>2</sub> - TEFLON **CONTACT** IIIIB ... Materials chosen here are non-**superconductor** or those having lowest possible **superconducting** transition temperature ...

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### [BOOK] The foundations of vacuum coating technology

DM Mattox - 2003 - [books.google.com](#)

... H. Geitel "rediscovered" the Figure 3. Four connections of "voltaic piles" (alternate **silver** and zinc ... London bearing the title, "On the Electricity excited by the mere **Contact** of conducting ... the same as Stoney's "electrons." In 1886 E. Goldstein, using a **perforated** cathode, identified ...

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GL Trigg - 1995 - [books.google.com](#)

... Neutrino 191 13 The Maser and the Laser 211 14 "Tunneling" and **Superconductivity** 231 15 ... by Giaever; by Langenberg, Scalapino, Taylor, and Eck; by Jaklevic, Lambe, **Silver**, and Mercereau ... if the cathode (negative electrode) in a discharge tube was **perforated**, streams of ...

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### [PDF] Studies of carbon nanomaterials based on fullerenes and carbon nanotubes

A Iwasiewicz-Wabnig - 2007 - [umu.diva-portal.org](#)

... If the samples are very small it is preferable to shield them by wrapping them in a **perforated** aluminium **foil** or inserting them into small, open ended glass ... An oven as a whole is mounted inside a cylindrical Teflon pressure cell, and soldered to copper **contact** wires. ...

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### [BOOK] Dictionary of science

G Raj, M Yadav - 1987 - [books.google.com](#)

... Amorphous. Non-crystalline, having no definite form or shape. Ampere. It is a unit of electric current; approximately equal to flow of  $6 \times 10^{18}$  electrons per second, when passed through solution of **silver** nitrate, it will deposit 0.001118 gram per second of **silver**. Page 20. ...

### SYMPOSIUM GG

G Ramanath, PV Braun, M Terrones - Urbana, 2004 - [mrs.org](#)

... crystal, and the colloidal particles were dissolved, resulting in a hollow sphere **perforated** with a ... properties of the elastomeric material, the stamp forms a conformal **contact** with the ... Epitaxial deposition of 100nm thick **superconducting** YBCO films has been demonstrated with this ...

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### **[PDF]** FUSION TECHNOLOGY

CEA CADARACHE - [www-fusion-magnetique.cea.fr](http://www-fusion-magnetique.cea.fr)

... As an example, for reference pulse conditions with 1000 s burn time and 1200 s dwell, the time required to reach an average tritium partial pressure of 100 Pa in the Pb-17Li in **contact** with the cooling tubes would be approx. ...

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### **[PDF]** Thin Films Division Fachverband Dünne Schichten (DS)

G Prize, I Talks - [dpg-verhandlungen.de](http://dpg-verhandlungen.de)

Page 1. Thin Films Division (DS) Overview Thin Films Division Fachverband Dünne Schichten (DS) Sprecher des Fachverbandes Dietrich RT Zahn Chemnitz University of Technology Semiconductor Physics Reichenhainer Str. 70 09126 Chemnitz [zahn@physik.tu-chemnitz.de](mailto:zahn@physik.tu-chemnitz.de) ...

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### The chemistry and application of carbon nanotubes

EG Rakov - Russian Chemical Reviews, 2001 - [iopscience.iop.org](http://iopscience.iop.org)

... Home Search Collections Journals About **Contact** us My IOPscience ... The surface tension of **silver** chloride is 173 mN m<sup>-1</sup> (833 K) while that of **silver** bromide is 151 mN m<sup>-1</sup> (800 K). The structure of the metal halide 'dopant' affects the crystal chemistry features of the product ...

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J Mackerle - Engineering Computations: Int J for Computer- ..., 2006 - [ingentaconnect.com](http://ingentaconnect.com)

... drums; ribbed strips; portal frames; planetary rolling; coils; airfoils; **foil** rolling; webs ... can extrusion; cups; valve bodies; impeller hubs; containers; **superconductor** billets; spur ... of flaws; prediction of necking; damage mechanics; hydrogen embrittlement; **contact** treatment algorithms ...

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### **[BOOK]** Earth energy: the entrancing force with a thousand names

J Bigelow - 1976 - [books.google.com](http://books.google.com)

... If there is only one point **contact** between surface and the negative radiator, the sphere will rotate. Excessive sphere rotation, (or no rotation?) could lead to a levitating situation. ... Wrap starts with non-terminal end of **foil**, ends with both terminals outside. Coils and cap. ...

### Spherical Microwave Confinement and Ball Lightning

WR Robinson - 2010 - [lib.ncsu.edu](http://lib.ncsu.edu)

... graduate student. (My sixth grade teacher fell and broke her neck, but was tough enough to stay on the following year...) My first **contact** with a faculty member at NCSU was with Dr. Stephen Reynolds before I came here in 2001. ...

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### **[BOOK]** Nanotechnology demystified

LD Williams, W Adams - 2007 - [books.google.com](http://books.google.com)

... Or **contact** your local bookstore. Nanotechnology Demystified Copyright © 2007 by The McGraw-Hill Companies. All rights reserved. ... By bombarding particles through thin gold **foil**, he predicted that atoms had positive cores that were much smaller than the rest of the atom. ...

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### **[PDF]** LINDA WILLIAMS

DRW ADAMS - 2007 - [asterix.msp.univie.ac.at](http://asterix.msp.univie.ac.at)

... For more information, please **contact** George Hoare, Special Sales, at [george\\_hoare@mcgraw-hill.com](mailto:george_hoare@mcgraw-hill.com) or (212) 904-4069. ... By bombarding particles through thin gold **foil**, he predicted that atoms had positive cores that were much smaller than the rest of the atom. ...

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### The Twenty-third Scientific Meeting of the Japanese Society of Electron Microscopy

A Session, I Technique - Journal of Electron Microscopy, 1967 - Jpn Soc Microscopy

... Al and Fe-Si alloy, (c) Cor- relation of these phenomena between in **foil** and in ... Observations of **superconducting** films such as Nb, Nb 4 Sn were successfully, and some of them ... In the intermediolateral horn, 20% of the de- veloped **silver** grains were located in astrocytic processes ...

### Finite element modelling of ceramics and glass, an addendum—a bibliography (1998-2004)

J Mackerle - ... : International Journal for Computer-Aided Engineering ... - [emeraldinsight.com](http://emeraldinsight.com)

... of high temperature ZrO 2 insulation ceramic coatings on Ag tapes used as sheath of Bi-2212 **superconducting** materials using ... (2001), "Hertzian **contact** behavior of ... F. (2000), "A high-frequency eddy current method for the thickness measurement of thin metallic **foils** using ferrite ...

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### Q: Template-Based Nanofabrication-Nanowires, Nanotubes, and Associated Heteronanostructu

H Fan, M Knez, W Lee, SS Wong, E Conductive - Issues, 2007 - [mrs.org](http://mrs.org)

... Nickel (Ni) **foil** was used as both the substrate and the nickel source. ... 2:45 PM Q3.5 Motility of **Silver** Nanorods in Metal-assisted Chemical Etching of Silicon. ... In this method, the Si surface that comes in **contact** with the metal is selectively etched, leaving behind arrays of vertically ...

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### Ultrahigh Vacuum

PA Redhead, JP Hobson, EV ... - Advances in electronics ..., 1962 - [books.google.com](http://books.google.com)

Page 334. Ultrahigh Vacuum PA REDHEAD, JP HOBSON, EV KORNELSEN Radio and Electrical Engineering Division, National Research Council, Ottawa, Canada

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